

2BILLION TREES

2 Billion Trees Program: Overview

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Natural Resources
Canada

Ressources naturelles
Canada

Canada



2 Billion Trees Program (2BT): *A Pillar in Canada's Natural Climate Solutions Fund*

Natural Climate Solutions Fund
\$4 Billion / 10 years

2 Billion Trees
NRCAN
\$3.2 Billion

Nature Smart
Climate Solutions
ECCC
\$631 Million

Agricultural
Climate Solutions
AAFC
\$185 Million

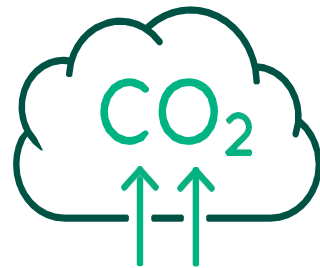
Nature-based Climate Solutions Advisory Committee
Provides guidance from external experts on nature-based solutions, including
Indigenous Knowledge Keepers and experts





Goals of the 2BT Program

Planting 2 billion trees through afforestation, reforestation and urban tree planting by 2031.



CAPTURE CARBON

To capture carbon in growing trees to reduce green- house gas (GHG) emissions and help in the fight against climate change



ENHANCE BIODIVERSITY

To enhance biodiversity and forest resilience to climate change by planting the right tree species in the right places and restoring wildlife habitat



PROMOTE HUMAN WELL-BEING

To support human well-being by creating more green spaces for recreational activities and sanctuaries for connecting with nature; better regulation of temperatures in cities; improved mental well-being and reduced risk of wildland fire and floods to our communities





2BT PROGRAM MODEL

Cost-sharing with invested partners

Supporting tree planting through partnerships





2BT Program Model

Supported by Science

1. Maximizing tree survival, growth, and carbon sequestration

Research Objectives: improved seedling production; right trees in right place; improved planting and management for resilience; adaptive management

2. Better calculating and monitoring GHG reductions

Research Objectives: improved site management for GHG reduction estimates; improving accuracy of C sequestration estimates; long term monitoring of planted sites and forest carbon estimation/reporting

3. Identifying, measuring and maximizing co-benefits of tree planting

Research Objectives: value and maximize socio-economic and human well-being co-benefits of program; maximize human and social benefits from program participation; apply indigenous and community knowledge systems

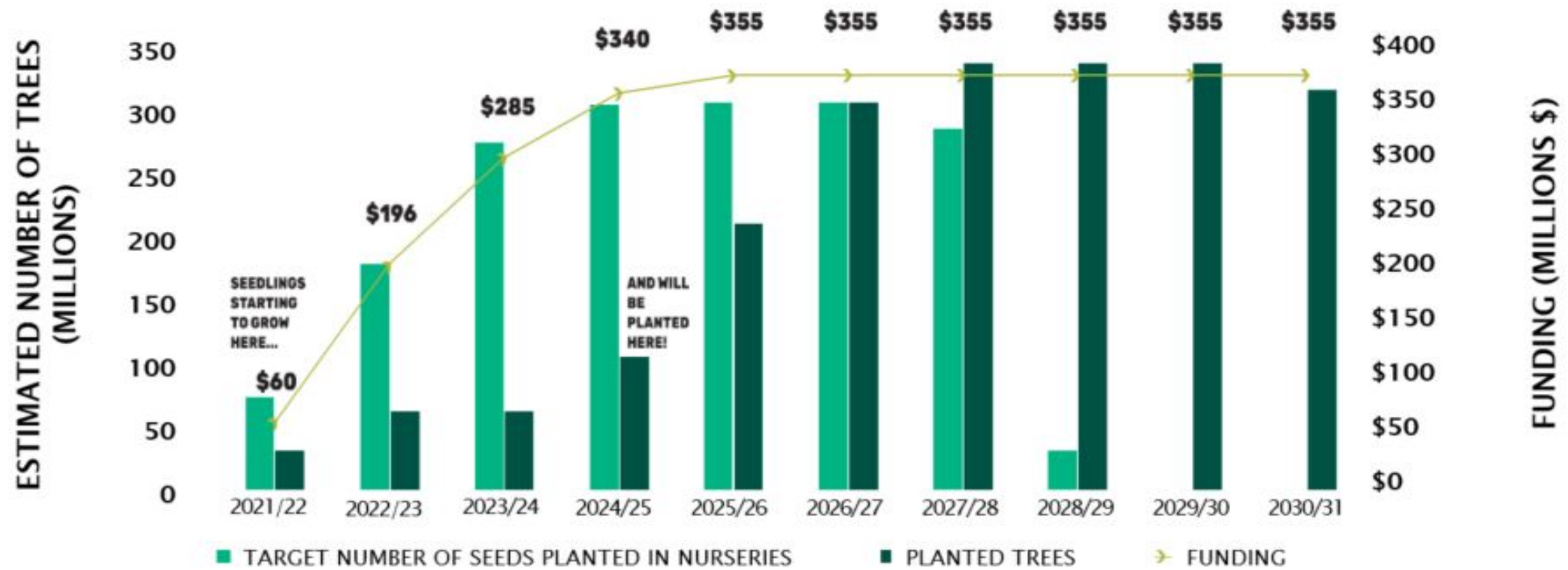
4. Optimizing knowledge mobilization

Research Objectives: optimizing mobilization of scientific and technical information to maximize uptake





Ramping Up Efforts to Meet a 10 Year Goal



*Data could fluctuate slightly as final reports are received and processed.





Project Profile

River Restoration on the West Coast of British Columbia

- 2BT partnered with the Redd Fish Restoration Society and Tla-o-qui-aht, Ahousaht and Hesquiaht First Nations to plant 51,070 trees along the banks of the Hiłsyaqłis (Tranquil Creek) and Atleo Rivers, as well as in Hesquiaht Harbour.
- This work will accelerate the recovery of the three watersheds damaged by historic logging operations.
- Goal to restore critical spawning and rearing habitat for endangered wild Chinook and chum salmon.



2BILLION TREES

*Planting today,
to grow our
tomorrow*

#2BillionTrees

<https://www.canada.ca/en/campaign/2-billion-trees.html>

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Thank you!



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APPENDIX



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PARAMETERS FOR FUNDING

Types of Applications:

- ✓ Tree planting projects in 2022 and beyond, including:
 - ✓ Afforestation
 - ✓ Reforestation
 - ✓ Habitat restoration
- ✓ Capacity building to help long-term participation of organizations

Basic Eligibility:

- ✓ Open to organizations and communities across Canada
- ✓ Single or multi-year
- ✓ Applicants can apply with multiple projects
- ✓ 50-50 cost-sharing (potential higher federal cost-share for Indigenous-led projects)
- ✗ Tree planting and all related activities that are legally required following commercial activity or as a condition for impact assessment approval
- ✗ Individuals





PARAMETERS FOR FUNDING

What are we looking for?

- **Proposed projects must:**
 - ✓ Meet eligibility requirements
 - ✓ Meet program objectives and achieve expected benefits
 - Demonstrable GHG sequestration benefits
 - Anticipated co-benefits (e.g., human health and well-being, biodiversity)
 - ✓ **Targeted towards afforestation, reforestation, and/or habitat restoration**
 - ✓ **Have** clearly defined planting sites identified in the application form
- **Applicants should demonstrate proven capacity to:**
 - ✓ Manage tree planting projects successfully
 - ✓ Plant the right tree in the right place for the right reasons
 - ✓ Contribute to increased biodiversity
 - ✓ Monitor tree survival and report on project outcomes
 - ✓ Comply with applicable COVID-19 health and safety protocols

